

5. (New) An isotope or derivative thereof for detecting malignant tumors, which isotope is a compound in which at least one carbon atom of 5-aminolevulinic acid is a carbon isotope and/or a nitrogen atom in its amino group is a nitrogen isotope, and where said derivative is an ester, amide, salt, hydrate or solvate of the compound.

6. (New) An isotope or derivative thereof for photokinetically treating malignant tumors, which isotope is a compound in which at least one carbon atom of 5-aminolevulinic acid is a carbon isotope and/or a nitrogen atom in its amino group is a nitrogen isotope, and where said derivative is an ester, amide, salt, hydrate or solvate of the compound.

a²
7. (New) A composition comprising a compound or derivative thereof in which at least one carbon atom of 5-aminolevulinic acid is a carbon isotope and/or a nitrogen atom in its amino group is a nitrogen isotope, and where said derivative is an ester, amide, salt, hydrate or solvate of the compound, and a diagnostically or pharmaceutically acceptable carrier.

2b
b'
8. (New) A method for detecting malignant tumors, which method comprises administering a tumor detecting effective amount to a host in need of tumor detection of a compound or derivative thereof in which at least one carbon atom of 5-aminolevulinic acid is a carbon isotope and/or a nitrogen atom in its amino group is a nitrogen isotope, and where said derivative is an ester, amide, salt, hydrate or solvate of said compound.

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Appln. No. 09/445,963

9. (New) The method of claim 8 wherein said compound is used in combination with a diagnostically or pharmaceutically acceptable carrier.

10. (New) A method for photokinetically treating malignant tumors, which method comprises administering a photokinetically treating effective amount to a host in need of photokinetic treatment of a malignant tumor of a compound or derivative thereof in which at least one carbon atom of 5-aminolevulinic acid is a carbon isotope and/or a nitrogen atom in its amino group is a nitrogen isotope, and where said derivative is an ester, amide, salt, hydrate or solvate of said compound.

11. (New) The method of claim 10 wherein said compound is used in combination with a diagnostically or pharmaceutically acceptable carrier.